1/2



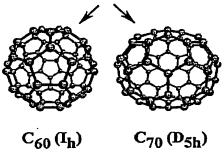
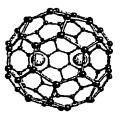


FIG. 1

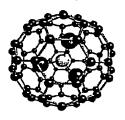
Classical Metallofullerene



 $Sc_2@C_{84}(D_{2d})$

FIG. 2

nano Trimetasphere



 $Sc_3N@C_{80}(I_h)$

FIG. 3

2/2

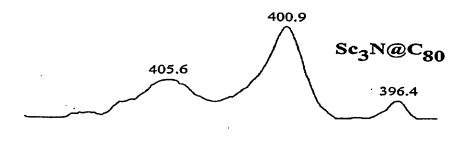


FIG. 4A

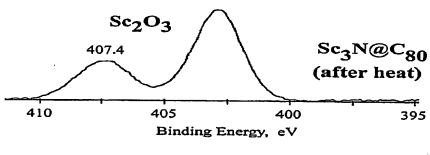


FIG. 4B



FIG. 4C